

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE		PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. <i>(If applicable)</i>	
6. ISSUED BY		CODE		7. ADMINISTERED BY <i>(If other than Item 6)</i>		CODE	
8. NAME AND ADDRESS OF CONTRACTOR <i>(No., street, county, State and ZIP Code)</i>				(X)		9A. AMENDMENT OF SOLICIATION NO.	
						9B. DATED <i>(SEE ITEM 11)</i>	
						10A. MODIFICATION OF CONTRACT/ORDER NO.	
						10B. DATED <i>(SEE ITEM 11)</i>	
CODE		FACILITY CODE					

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers
☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS.  
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: <i>(Specify authority)</i> THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES <i>(such as changes in paying office, appropriation date, etc.)</i> SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER <i>(Specify type of modification and authority)</i>

**E. IMPORTANT:** Contractor ☐ is not, ☐ is required to sign this document and return \_\_\_\_\_ copy to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER <i>(Type or print)</i>		16A. NAME AND TITLE OF CONTRACTING OFFICER <i>(Type or print)</i>	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
<i>(Signature of person authorized to sign)</i>		<i>(Signature of Contracting Officer)</i>	

Item 14. Continued.

**CHANGES TO THE SPECIFICATIONS**

1. Replacement Section - Replace the following section with the accompanying new section of the same number and title, bearing the notation "ACCOMPANYING AMENDMENT NO. 0005 TO SOLICITATION NO. DACA63-00-B-0025."

<u>Section No.</u>	<u>Title</u>
11700	VETERINARY EQUIPMENT

**CHANGES TO THE DRAWINGS**

2. Drawing Write-In Change.- Delete General Note D on Sheets E3.1 through E3.6.

END OF AMENDMENT

SECTION 11700

VETERINARY EQUIPMENT  
4/00

PART 1 GENERAL

1.1 REFERENCES

The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by basic designation only.

FEDERAL SPECIFICATION (FED. SPEC.)

CC-M1807	Motors, Alternating Current, Fractional and Integral Horsepower (500 HP and Smaller).
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NATIONAL FIRE PROTECTIONAL ASSOCIATION (NFPA) PUBLICATIONS

99-1993	Health Care Facilities
70-1993	National Electrical Code

UNDERWRITERS' LABORATORIES, INC. (UL)

ul 544-76	Standard for Safety, Medical and Dental Equipment
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NATIONAL SANITATION FOUNDATION STANDARD 49

NIOSH	GAuidelines for Protecting the Safety and Health Care Workers
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1.2 SUBMITTALS

Government approval is required for submittals with a "GA" designation; submittals having an "FIO" designation are for information only. The following shall be submitted in accordance with Section 01330 SUBMITTAL PROCEDURES:

SD-01 Data

Equipment Items; GA.

Manufacturer's descriptive data and catalog cuts indicating materials of construction, mounting instructions, operation instructions, and cleaning instructions.

#### SD-42 Equipment Lists

Equipment Lists; GA.

Within 120 days after award of contract, and before any equipment is ordered, a complete list of all medical and dental equipment scheduled herein as contractor furnished shall be submitted in loose leaf binders with index. Include references and symbols, where applicable, that correspond with the contract documents, names and addresses of manufacturers, and item catalog numbers and trade names. Supplement these lists with the manufacturer's literature, data sheets, specifications, diagrams, drawings, installation requirements and other descriptive data for each referenced item as needed to evaluate utility considerations, dimensions and appearance of the items and materials. The products and/or materials submitted shall be the standard products of a manufacturer regularly engaged in the manufacture of quality equipment of the type specified for a minimum of five years. The equipment to be furnished shall essentially duplicate items that have been in satisfactory use for at least two years prior to submission.

#### SD-80 Operation and Maintenance Manuals

The contractor shall submit operation and maintenance manuals for the systems and equipment furnished. Operating manuals shall detail the step-by-step procedures required for system startup, operation shutdown. The contractor shall furnish maintenance instructions listing routine maintenance procedures, possible breakdowns and repairs, and troubleshooting guide for the systems and equipment furnished. Refer to Specification Section 01700, Operation and Maintenance Data for specific requirements.

### 1.3 PACKAGING AND PROTECTION

Each unit of equipment shall be placed in a sturdy container or crate for safe transportation. Shipping containers or crates for heavy equipment shall be mounted on skids to facilitate handling by lift equipment.

#### 1.3.1 Marking

Clearly and legibly indicate on exterior of each container or crate the shipping address and a brief description of contents. Fasten to outside of container a packing list and complete instructions for uncrating equipment and setting it in place. Protect such information in a weatherproof envelope.

#### 1.3.2 Protection

During storage, and until completion and acceptance, protect all materials and equipment from damage. Before acceptance, remove all protective coverings, thoroughly clean surfaces, inside and outside, and check that equipment is free from defects, damage and blemishes.

## PART 2 PRODUCTS

### 2.1 MATERIALS

#### 2.1.1 General

Materials used shall be free from defects which would adversely affect the performance or maintainability of individual components or of the overall assembly. Materials not specified herein shall be of the same quality used for the intended purpose in commercial practice. Unless otherwise specified herein, all equipment, material and articles incorporated in the work covered by this specification are to be new and fabricated using materials produced from recovered materials to the maximum extent possible without jeopardizing the intended use. The term "recovered materials" means materials which have been collected or recovered from solid waste and reprocessed to become a source of raw materials, as opposed to virgin raw materials. None of the above shall be interpreted to mean that the use of used or rebuilt products are allowed under this specification unless otherwise specifically specified.

#### 2.1.2 Electrolytic Prevention

Make provisions to prevent electrolysis where metal parts are welded or otherwise fastened together.

### 2.2 EQUIPMENT

#### 2.2.1 General

Material and equipment shall be a standard product of a manufacturer regularly engaged in the manufacture of quality equipment of the type specified for a minimum 5 years. The equipment to be furnished shall essentially duplicate items that have been in satisfactory use for at least 2 years prior to submission.

Drawings: The contract drawings provide the necessary structural supports and utility requirements for the specified manufacturer and model. Government approval of a contractor's submitted (or approved) product shall incur no additional expenses to the Government if changes in structural support or utilities are required for the approved item.

Closure Panels and Trim Pieces: Closure panels (with louvers when required for vent) will be provided, to close space between top of item and finished ceiling, for those items as required under detailed specifications. Recessed items will be provided with closure panel and side trim pieces as required. Closure panels and trim pieces shall be of the same construction and finish as the piece of equipment and shall present a neat and monolithic appearance.

#### 2.2.2 Safety

Medical and dental equipment shall conform to UL 544. In lieu of UL approval, consideration will be given to certified test reports of an approved laboratory indicating conformance of all UL 544 requirements

including method of test.

#### 2.2.3 Electrical Motors

Unless otherwise shown on contract documents, equipment with motors of 1/2 horsepower or less shall be suitable for operation from a 120 volt, single phase, 60 Hz supply. Motors shall be of sufficient size for duty to be performed and shall not exceed the nameplate rating when driven equipment is operating at specified capacity under the most severe conditions likely to be encountered. Fractional horsepower motors shall conform to FS CC-M-1807.

#### 2.2.4 Plumbing Sanitary Safeguard

Backflow prevention valves approved by the Foundation for Cross Connection Control and Hydraulic Research (FCCCHR) shall be installed to prevent backflow of polluted water or waste into water supply system and into aseptic portions of equipment.

#### 2.2.5 Electrical Work

Items will be installed in accordance with the applicable requirements of NFPA 70, National Electrical Code and with the applicable sections of Division 16 of these specifications.

#### 2.2.6 Plumbing Work

Items will be installed in accordance with the applicable section of Division 15 and with piping sizes as indicated on mechanical drawings. All exposed piping shall be chrome plated and provided with a chrome plated escutcheon ring. All equipment connections shall be provided with shut-off valves and unions.

#### 2.2.7 Vents and Exhaust

Items will be installed in accordance with the applicable section of Division 15 and with vents or exhaust as sized on mechanical drawings. All exposed ductwork shall be of Type 304 stainless steel and shall be provided with a stainless steel or chrome plated excutcheon ring.

#### 2.3 MANUFACTURER'S IDENTIFICATION

The following listed applicable information shall be affixed in a permanent manner to each item of equipment and shall be proportionate to the size of equipment.

- a. Name of manufacturer or registered trade name.
- b. Manufacturer's type designation and model number.
- c. Serial number.
- d. Utility ranges or capacity, including voltage and wattage rating or voltage and amperage rating of electrically powered.

#### 2.4 VETERINARY EQUIPMENT

Track, IV, Ceiling Mounted (JSN No. A1165) Ceiling mounted IV track. Consists of straight thick anodized aluminum track, carrier with self-locking hinge, hook for attaching hanger, and adjustable pendant. Designed for dispensing of IV solutions.

Dispenser, Glove (JSN No. A5107) Examination glove dispenser box for wall mounting. Size - 95 mm deep by 165 mm wide by 254 mm high. Constructed of cold rolled steel with a white baked enamel finish.

Bracket, TV Monitor, Wall Mount (JSN No. A5220) Wall Mounting Bracket for TV Monitor. Triple support 14 gage steel tube construction to fit 482mm to 787mm monitors, supports 114 Kg, swivels 360 degrees and tilts, 0 to 15 degrees. Complying example: Da-Lite Model WMY-2134.

Bracket, Projector, Ceiling Mount (JSN No. A5220A) Ceiling Mounting Bracket for Projector. 16 gage steel construction to fit 305 mm wide by 457 mm long by 406 mm high projectors, supports 34 Kg, swivels 360 degrees and tilts, 0 to 15 degrees, shelf perforated to allow attachment of projector. Complying example: Da-Lite Model CPM-1218.

Dispenser, Glove (JSN No. A5107) Examination glove dispenser box for wall mounting. Size - 95 mm deep by 165 mm wide by 254 mm high. Constructed of cold rolled steel with a white baked enamel finish.

Desk, Folding, Wall Mounted (JSN No. F0610) Wall mounted fold down desk. 406 mm high by 533 mm wide by 406 mm deep (opened) with writing surface, pencil/pen rack, and multiple form holders. 406 mm high by 51 mm deep when folded. **[AM#0005] Unit shall be 16 gauge stainless steel.**

Hood, Fume (JSN No. L2337) Fume hood, bypass type, fabricated of type 304 stainless steel. Includes general purpose base cabinet to provide 915 mm work area height, 25 mm thick dished epoxy resin work surface, combination vertical and horizontal sash, interior sealed fluorescent lighting, duplex receptacles, auxiliary switching for exhaust fan (provided under Division 15). Dimensions: 1220 mm wide x 860 mm deep x 1500 mm high. Complying example: Model FH4C "ChemGARD" by The Baker Company.

Screen, Projection (JSN No. M0410) Projection Screen. Ceiling mounted recessed unit, manual pull down 1778 x 1778 mm screen with automatic ceiling closure. Equipped with grooved roller, ball bearing mechanical system, non-gloss matte white flame and milder resistant surface. Complying example: "Apex" Model by Draper.

Scale, Platform (JSN No. M4040)

Application: Platform scale intended for use in the weighing of animals in a veterinary care setting.

Description: Stainless steel platform scale with electronic display console and removable non-slip black vinyl mat.

Size: Platform overall - 1153 mm long by 544 mm wide by 51 mm high.

Capacity: 136 kg (300 lb.)

Options: Provide display console mounting column.

Complying example: Auto 300 Display Console Electronic Stainless Steel Platform Scale by Suburban Surgical Company, Inc.

Scavenger, Gas, Anesthesia (JSN No. P9800) Anesthesia gas scavenger system. System consists of one (1) Power Unit with a 4" vent pipe, outside weather-tight hood, 6' heavy duty hose and 1½" schedule 40 male hose connector fitting. Includes six (6) Scavenging Interface Units each with 305 (1') mm x 19mm diameter and 4570 mm (15') long x 30mm diameter exhalation tubing, air inlet valve assembly, a non-rebreathing bag adapter; and the carrier inlet valve which includes a "Y" tee fitting. Complying example: Vetrosone Anesthesia Scavenger System VJ06100 Series with all appropriate accessories.

Pass Box, X-ray Film (JSN No. U5000) X-ray film pass box. Through-wall configuration with automatic door interlock. Size to accept 356 x 432 mm (14" x 17") film.

Door, Darkroom, Revolving (JSN No. U8000) Revolving Darkroom Door. 54" (1372 mm) diameter, handicapped accessible, .254 mm thick ABS plastic construction, flame class UL-94HB. Inner rotating cylinder supported on rubber shock mounted ball bearing, cylinder rotates in a u-shaped track, formed steel side flanges, entrance and exit openings reinforced with square aluminum tubing. Pop-out breakaway emergency egress system. Black rubber non-slip floor mat. Interior operation by handrail; exterior operation by recessed finger grips. External wheelchair access threshold ramps. Complying example: Revolving Darkroom Door by Regal Arkay Photographic Equipment, Milwaukee, Wisconsin.

Washer, Cage (JSN No. V0055)

Application: Cage and rack washer intended for use in the sanitation of soiled, reusable animal care devices such as cages, racks, debris pans, feeder bottles and other miscellaneous items by thorough cleaning and drying.

Description: Mechanical washer equipped with microprocessor control system. Four factory set adjustable cycles: rodents, bottles, rabbits, primates. Six additional cycles available for custom user programming. All cycles pre-programmed with mandatory pre-wash and vapor exhaust phase. Two exterior mounted fluorescent lights to illuminate the wash chamber.

Size: Overall - 1930 mm (washer cabinet) plus 889 mm (mechanical core) wide by 2794 mm high by 2794 mm deep. Effective chamber load size - 1168 x 2172 x 2083 mm.

Features: Cabinet base 121 mm high. Cleaning solutions heated by instantaneous, in-line heat exchanger.

Configuration: Double power doors for pass-through operation

Options: Provide:



Exhaust fan  
Drying system  
Additional (2nd) wash tank  
Manifold coupling system  
Automatic floor tilting  
Exterior stainless steel jacket package

Accessories: Provide:

Barrier wall flange assembly (one set for recessing in one wall)  
Service side-access panels

Complying example: Basil 9500 Cage and Rack Washer by Steris Corporation, 5960 Heiseley Road, Mentor, OH 44060-1834, 440-354-2600, [www.steris.com](http://www.steris.com).

Loading Bin, X-ray Film (JSN No. X1100) X-ray film loading bin. Five Compartments - size to accept 356 x 432 mm (14" x 17") film. Adjustable inserts to accommodate smaller file sizes.

Processor, X-ray Film (JSN No. X5320) X-ray film processor. 125 second processing time, 7 minute warm up time, straight through film processing path, automatic replenishment mode, automatic standby mode, cold water operation, 5 liter chemical replenishment bottles, infrared film dryer, 28 oz tank tray size, 356 mm film width. 120V, 9A power requirements.  
Complying example: Agfa Curix 1000 CP.

## PART 3 EXECUTION

### 3.1 INSTALLATION

#### 3.1.1 Supervision of Equipment Installation

The contractor shall obtain the services of the manufacturer's representative experienced in the installation, adjustment and operation of the equipment specified. The representative shall supervise the installation, adjustment and testing of the equipment items.

#### 3.1.2 Installation

All equipment shall be installed in strict accordance with the manufacturer's printed directions and recommendations, which will be furnished with the equipment. All equipment, required support and material necessary for the equipment installation, shall be furnished and installed by the contractor. All work shall be assembled and installed in harmony with other trades.

#### 3.1.3 Cutting/Patching

Work shall be carefully laid out in advance. Any damage done to the building, piping, wiring or equipment as a result of cutting for installation shall be patched by skilled mechanics of the trade involved.

#### 3.1.4 Setting/Connection

Set and connect equipment plumb and level in accordance with manufacturer's instructions and recommendations. Securely anchor and attach items and accessories. Make connections between equipment and the work of others in a neat manner and install equipment so that work of others will not be damaged.

### 3.2 FIELD INSPECTIONS AND TESTS

#### 3.2.1 Inspection

Thoroughly inspect finished installation for compliance with specification and manufacturer's installation instruction. Carefully test and adjust equipment for proper operation. Lubricate moving parts if required by manufacturer's specifications. Prior to acceptance of the project, all equipment shall be cleaned, both inside and outside, to insure that equipment is free of defects, damage or blemishes.

#### 3.2.2 Tests

Contractor shall perform all specified field tests of installed equipment and shall provide all labor, equipment and incidentals required for these tests. Contractor shall give the Contracting Officer ample notice of date and times scheduled for equipment tests.

### 3.3 WARRANTY

Manufacturer's standard equipment warranty shall not begin until manufacturer certifies equipment conformance to all required testing specified and until beneficial occupancy of the portion of the facility where equipment is installed.

-- End of Section --